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FIG.1A

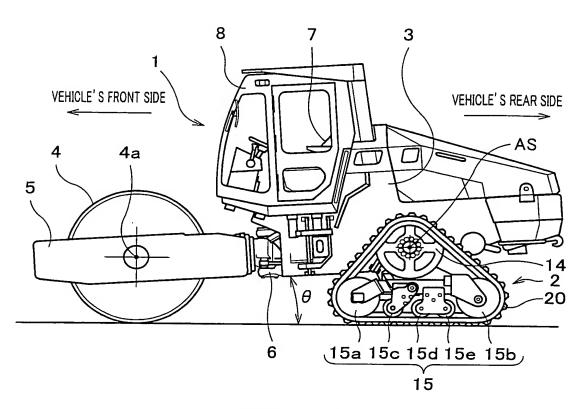
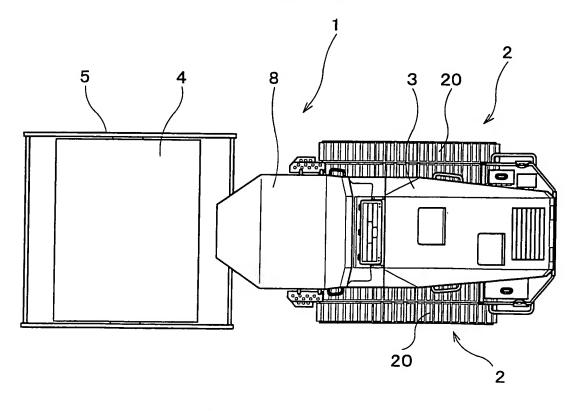
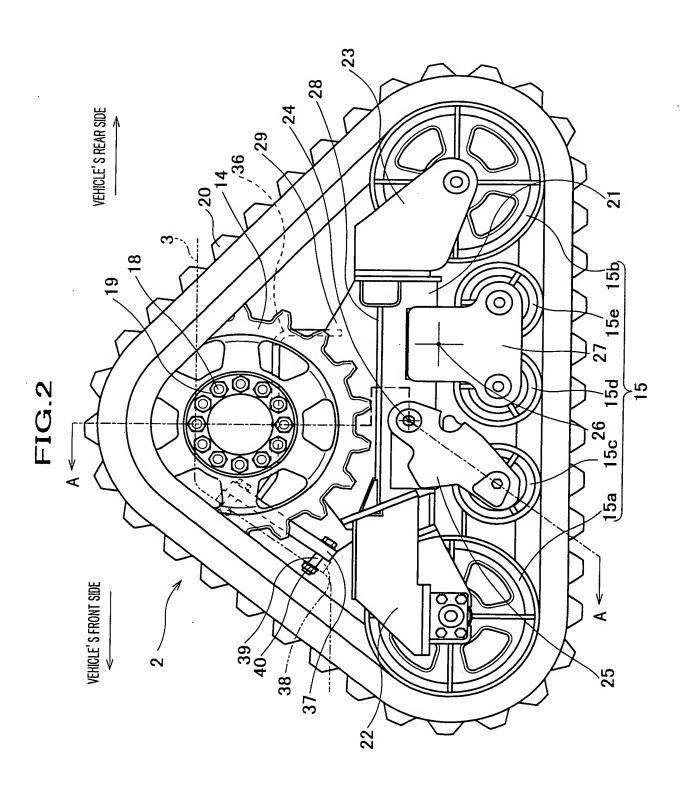


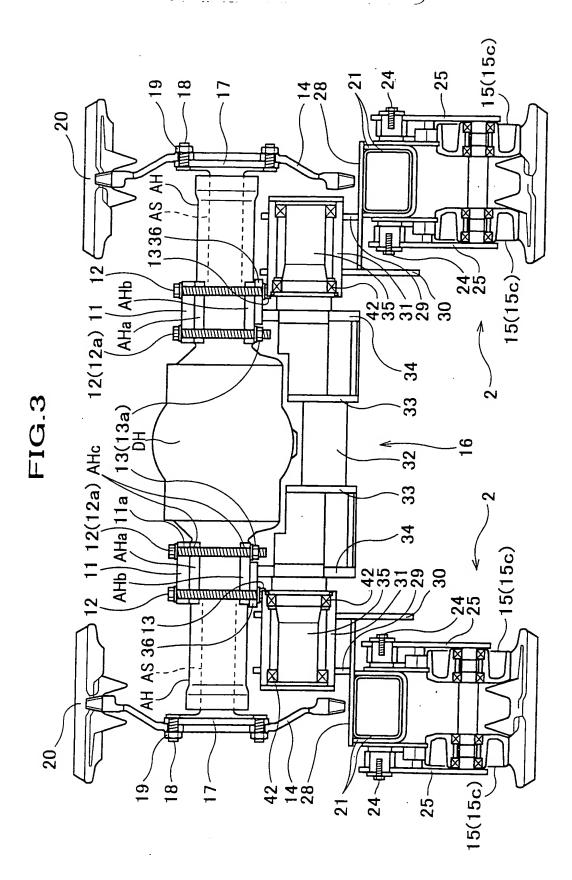
FIG.1B



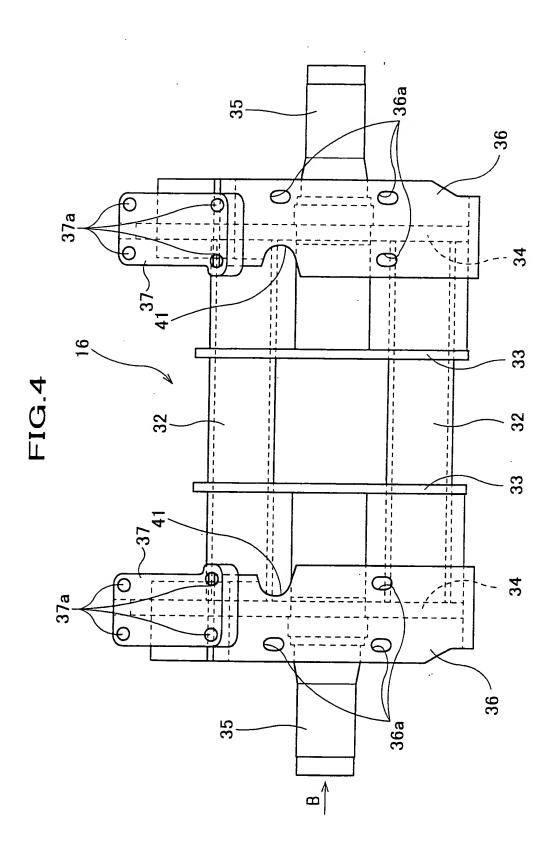
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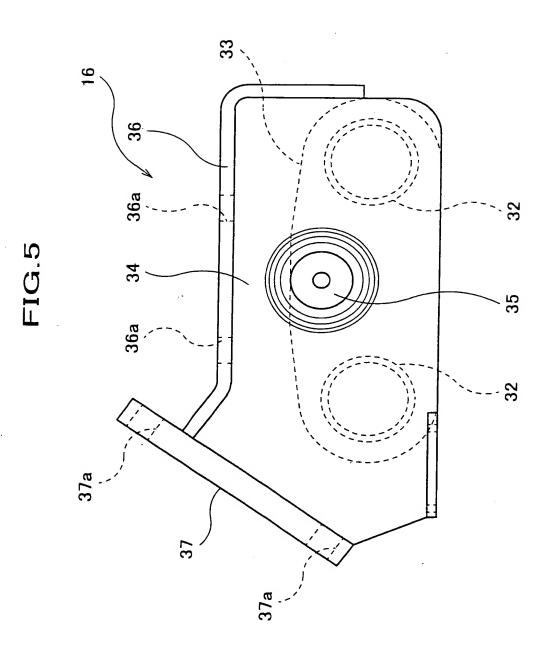
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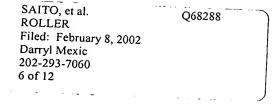


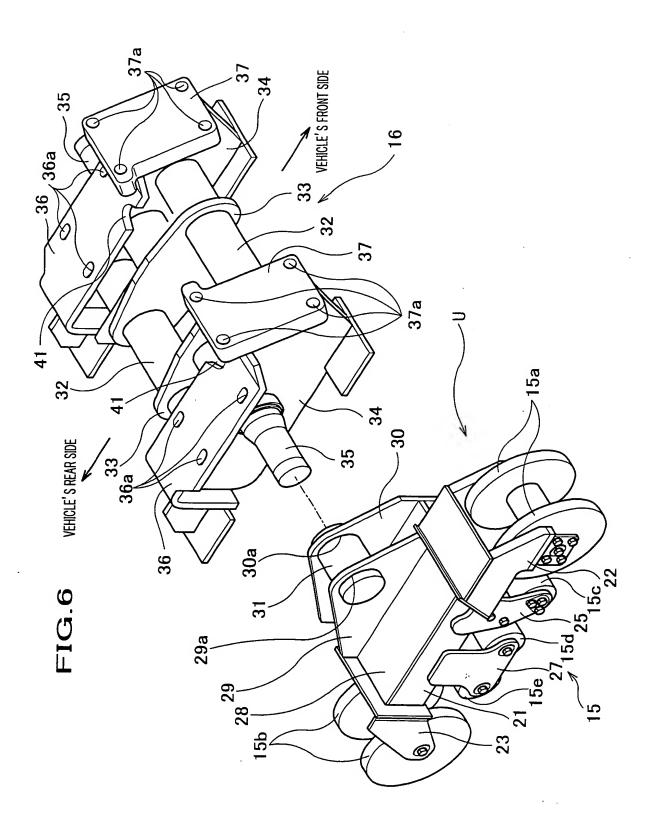
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FIG.7

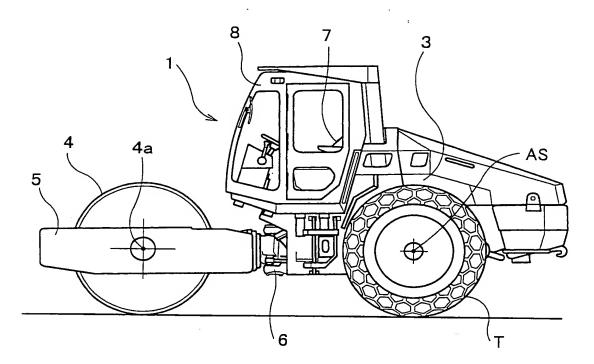
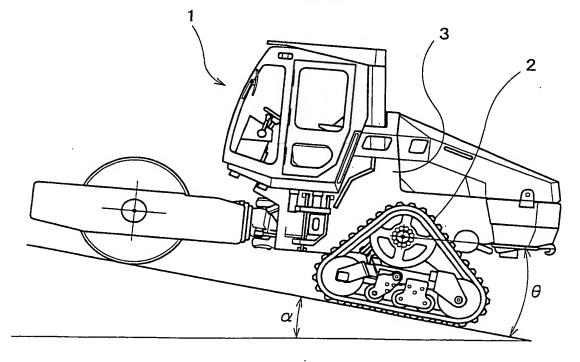
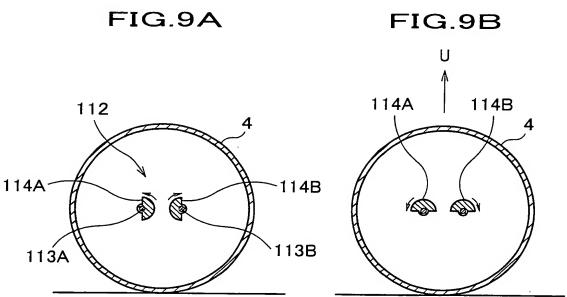
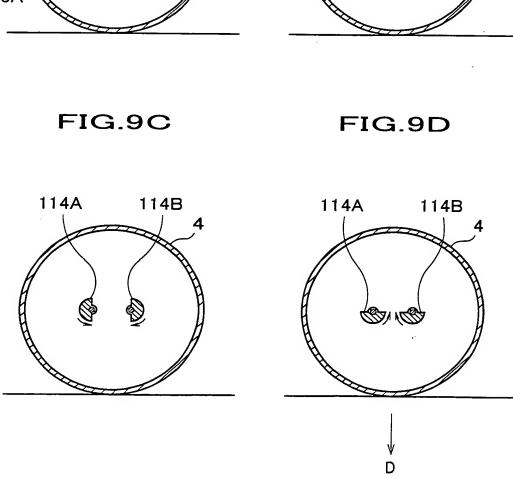


FIG.8



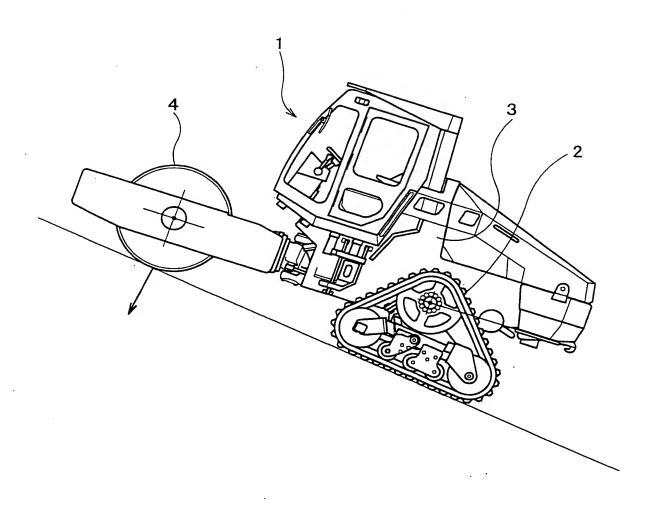
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FIG.10



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FIG.11A

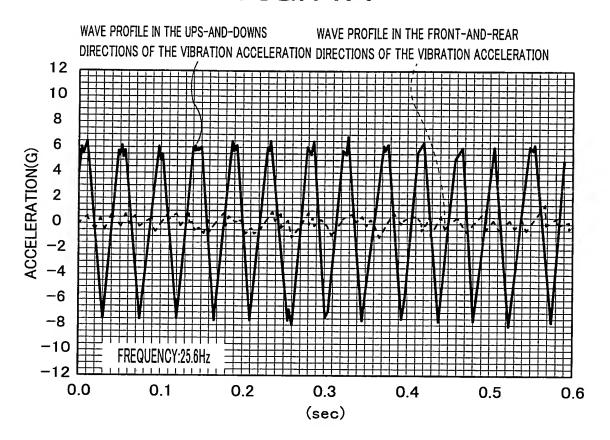
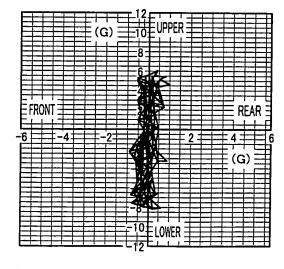


FIG.11B

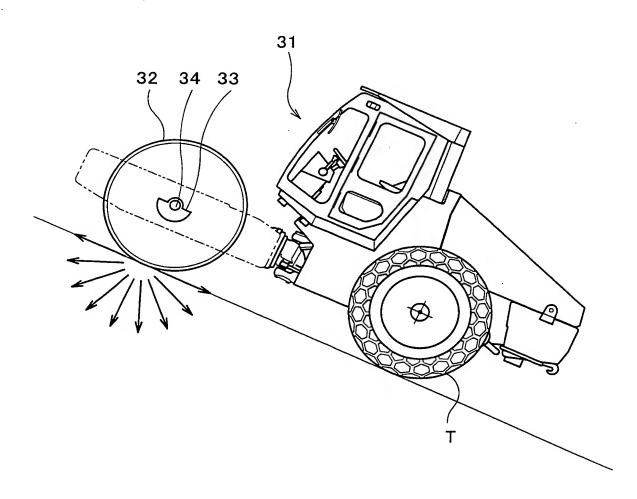


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FIG.12 PRIOR ART



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FIG.13A PRIOR ART

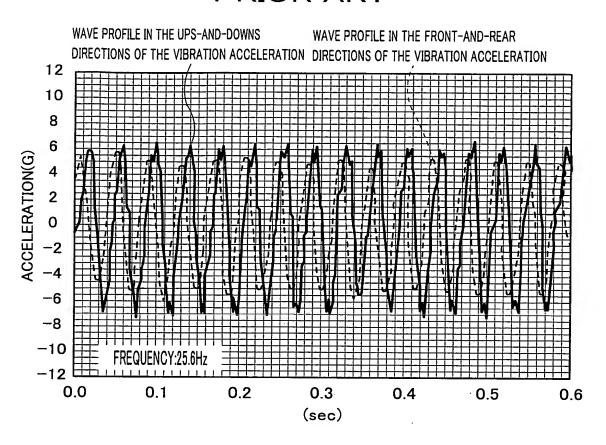
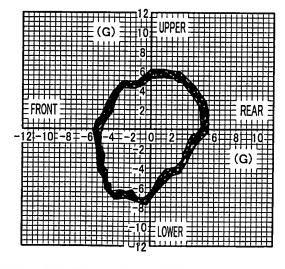


FIG.13B PRIOR ART



WAVE COMPOSITE OF THE ACCLERATION OF THE ROLL(FOR 0.6 SEC)